NOTE ON THE IDENTITY OF TORINIA DENSEGRANOSA, PILSBRY, AND T. ENOSHIMENSIS, MELVILL.

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I HAVE lately received specimens of T. densegranosa, Pilsbry, 1905, and am satisfied it is only the adult state of the smaller Enoshimensis described by me fourteen years earlier, in October, 1891. I am confirmed in this view by Mr. Edgar Smith, who with me also compared the types of the latter with densegranosa at the British Museum (Natural History) a few months ago. I repeat my original description.

Solarium (Torinia) Enoshimense, sp. nov.

"S. testa depresso-discoidea, solida, profunde umbilicata, fuscocastanea, anfractibus quatuor, spiraliter sulcatis, papillis moniliformibus, regulariter transversim decoratis, apud suturas depressis, ultimo anfractu rapide accrescente, ad peripheriam tribus costis crenulato-carinatis, ad umbilicum pulchre crenulato, apertura circulari, labro simplice. Long.: 2.50 mm. speciei majoris. Lat.: 5 mm.

"Hab.-Enoshima, Japonia.

"Shell flattened, pale-brown chestnut, moderately and deeply umbilicate, whorls four, the last very rapidly increasing, with spiral channels of unequal breadth covering the whole surface, and forming regular rows of moniliform papillæ. At the periphery these spiral channels have a very boldly defined semblance of angularity; the concentric spaces below the sutures are double the width of the three intervening spaces between them and the periphery. At the base, the crenulations round the umbilicus are boldly defined, and the next concentric space is twice the breadth of those, in their turn, intervening between this and the angle of the periphery, four in all.

"Of this small species, obtained in a native box of Japanese shells forwarded direct, and which contained several novelties, I have two specimens precisely similar, and in one of the drawers of the National Collection at the Natural History Museum, South Kensington, have found two or three others, unnamed, labelled ' From Japan'."

There is really nothing to add to this description, but I may utter a word of apology for the somewhat crudely drawn magnified original figure. Reference to this is given below.

The synonymy will therefore be as follows :--

HELIACUS ENOSHIMENSIS (Melvill).

Solarium (Torinia) Enoshimense, Melv., Journ. Conch., vol. x, p. 411, pl. ii, fig. 12 (October, 1891).

Torinia densegranosa, Pilsbry, Proc. Acad. Nat. Sci. Philadelphia, p. 106, fig. (1905).